

# Project Proposal

**Proposal Title:** Tamarisk and Russian Olive Removal - Private Phase II

**Proposal Number:** 1382

**DWR Region:** Southeastern Region

**Lead Agency:** Private

**County:** Grand

**Project Manager:** Bill Stevens

**PM Phone:** 0

**Regional Priority:** High

**Project Type:** Terrestrial Habitat

**Proposed Start Date:** 07/01/2009

**Project Location:** The project includes 13.45 acres of private property adjoining on two sides the Nature Conservancy's Mattheson Wetlands Preserve in Grand County.

**Project Description:** Continue removal of Russian olive and tamarisk from riparian areas along Mill Creek

**Description of Problem/Need:** Nonnative woody species, such as tamarisk and Russian olive, are displacing native plant communities along Mill Creek in Grand and San Juan Counties. Mill Creek flows from the La Sal Mountains through a deep canyon into the Moab valley eventually entering the Colorado River, approximately 30 miles away, and very near the western boundary of the Stevens property. Increasing development pressures throughout the Moab valley make Mill Creek an essential wildlife corridor.

**Objectives:** 1) to protect infrastructure, private property and native vegetation from effects of catastrophic wildfire events, and 2) to maintain and enhance condition of native plant communities.

**Relevance to Strategic Plans:** The Mill Creek restoration project advances the objectives set forth the SEUTP's Woody Invasive Species Management Plan and the Utah Strategic Tamarisk Management Plan. In addition, this work will complement work to occur in future years coordinated in the soon to be completed Community Fire Management Plan.

**Potential Risks:** Potential risks to adjacent resources of improvement would be minimal. Risks if treatment were not to occur include: fire hazard, treat to safety, loss of riparian habitat, and loss of water

**Proposed Methods:** A hydraulic ax contractor will be used to remove an additional 2 acres of invasive trees not treated in 2008 (FY 2009). A contractor will be used to remove the remaining larger Russian olive trees by hand-cut or girdle. Trees treated and all previous resprouts will be chemically treated. In subsequent years, the landowner will contract for mechanical and/or chemical treatment of resprouts.

**Shapefile Name:** HPD 2010\GIS Shape Files - Proposals\SER\1382.shp

**Seed Source:**

**UPCD Reg Team Coord Date:** 12/02/2008

**Proposed NEPA Action:**

**Proposed Arch Action:**

☒ **Vegetation Monitoring** ☐ **Wildlife Monitoring**

**Monitoring Information:** Photo plots are being taken.

**Grazing Management:**

## SPECIES BENEFITING

Bald Eagle	Mule Deer	Lucy's Warbler	Northern Leopard Fro
Neotropical Birds	Southwestern Willow Flycatcher	Yellow-billed Cuckoo	

## LAND OWNERSHIP

Owner	Acres
Private	13
<b>Total</b>	<b>13</b>

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## PROPOSED FUNDING

Source	Amount Requested	Date Approved	Amount Approved
DNR Watershed (FY10)	\$4,150.00		\$0.00
Private	\$0.00		\$4,000.00
<b>Totals</b>	<b>\$4,150.00</b>		<b>\$4,000.00</b>

## PROPOSED BUDGET

Item	Description	DWR Account	Partner Contrib.
Contractual Services	Cut 80 trees at \$25.00/tree	\$2,000.00	\$0.00
Contractual Services	Brush hog 2 acres at \$750/acre	\$1,400.00	\$0.00
Contractual Services	Spray treatment of resprouts	\$750.00	\$0.00
Materials and Supplies	Personal, and cont. service for well and planting	\$0.00	\$4,000.00
	<b>Totals</b>	<b>\$4,150.00</b>	<b>\$4,000.00</b>

## Project Map: